

vakker[®]


2023-2024



vakker[®] Dental Inc

 : www.vakkerdental.com

 : info@vakkerdental.com

 : (888) 516 0083

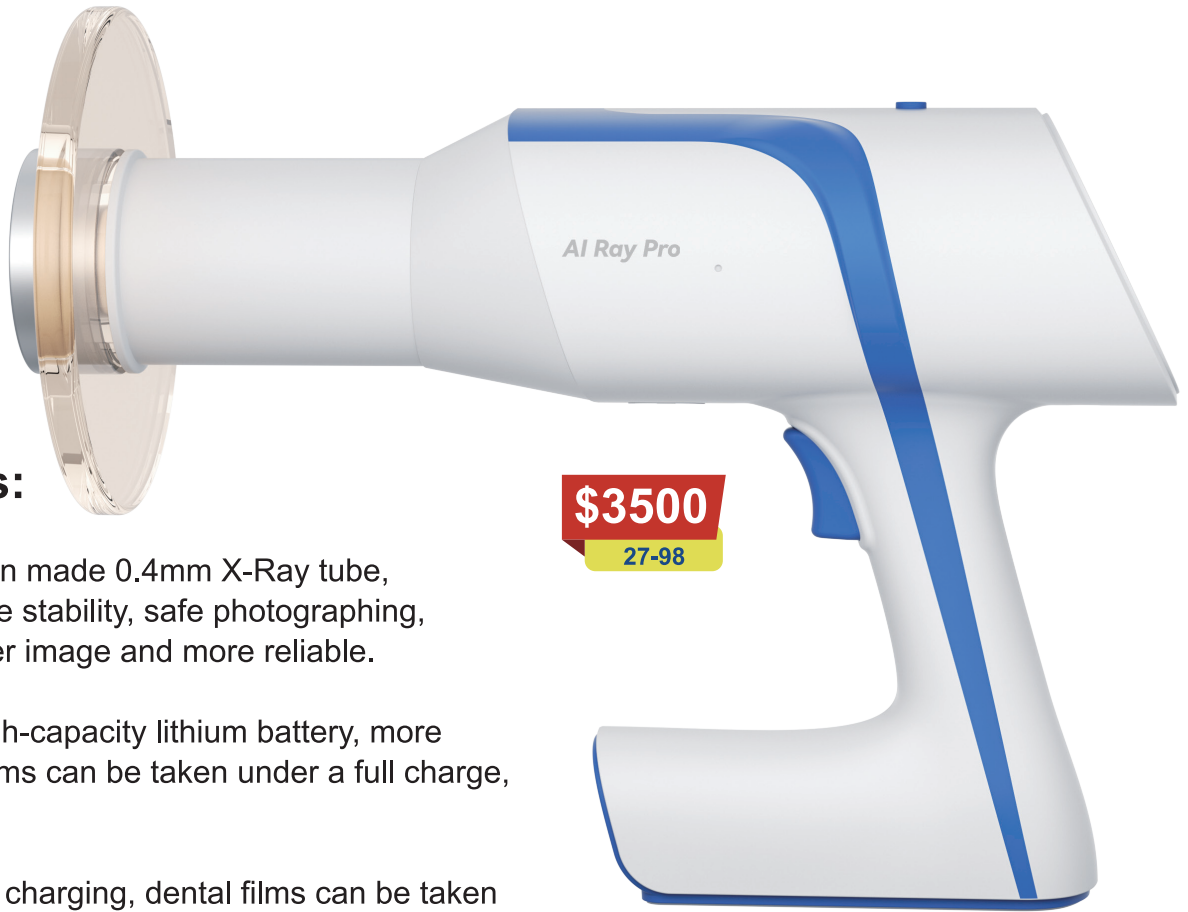


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1. Digital Radiography

Woodpecker Dental Ai-Ray Pro Machine

AiRay Pro



Key Features:

1st, Japanese Canon made 0.4mm X-Ray tube, high frequency, more stability, safe photographing, more detailed clearer image and more reliable.

2nd, 15,000mAh high-capacity lithium battery, more than 1,500 dental films can be taken under a full charge, longer endurance.

3rd, 80W super-fast charging, dental films can be taken after 5 minutes charging.

4th, 2.8-inch capacitive touch screen

5th, Easy to operate, angle correction and comfortable to hold.

Specifications:

Power adapter input: ~ 100-240V 50/60Hz 1.5A

Internal power supply: DC 10.8V

X-ray tube

- a) X-ray tube model: D-045;
- b) Focal spot: 0.4mm;
- c) Target angle: 12.5°;
- d) Total filtration: 1.5mmAl/70 kV;
- e) Additional filtration: 0.5mmAl/70 kV

Product specifications

Dimension: 114mm×363.8mm×245.6mm

Weight: 2.4KG



i-Sensor

Clearer & More durable

H1:\$1999

H2:\$2199

✓ **Free Software**

✓ **Twain Compatible**



(Compatible with Open Dental, Dentrix, Dexis, Eaglesoft, Tab32, Ortho2, Suni, Sota, XDR, X Ray Vision, SoPro, Schick, VixWin, Tiger View, MiPACS, EvaSoft, iDentalSoft, Curve Dental, Oryx, etc)

Type	i-Sensor H1	i-Sensor H2
Mechanical Size	25.0 X 36.8 X 4.4	30.4 X 41.9 X 4.4
Detector Technology	APS CMOS	APS CMOS
Scintillator	CsI	CsI
Pixel Size	1000 X 1500	1300 X 1800
Theoretical Resolution	25lp/mm	25lp/mm
True Resolution	20lp/mm	20lp/mm
Active Area	20 X 30	26 X 36
AD Conversion (bit)	16	16
Data Interface	USB 2.0	USB 2.0
Protection	IP68	IP68

Woodpecker i-Scan Imaging Plate Scanner



Specification:

Operation environment:

Environment temperature: 5°C ~ 40°C

Relative humidity: 30% ~ 75%

Atmospheric pressure: 70kPa ~ 106kPa

Power adapter input: 100-240V 50/60Hz

Power adapter output: DC 15V 3.2A

IP imaging plate model: 0; 1; 2; 3

Threshold contrast: 4 holes of 1.0 mm, 1.5 mm, 2.0 mm and 2.5 mm

Image uniformity: <2%

Weight: 4.5KG

\$3500
27-47



✓ **Free Software**

✓ **Twain Compatible**

(Compatible with Open Dental, Dentrix, Dexis, Eaglesoft, Tab32, Ortho2, Suni, Sota, XDR, X Ray Vision, SoPro, Schick, VixWin, Tiger View, MiPACS, EvaSoft, IDentalSoft, Curve Dental, Oryx, etc)



2. Endodontics

Woodpecker Ai-motor Endo Motor with Apex Locator



Ai-Motor

\$1500

27-60

— — — by Dr. Yoshi Terauchi Design



Specification:

Reciprocating Brushless Endo Motor W/ Apex Locator
 Speed:100-2500rpm Battery capacity: 2000mAh
 Torque:0.4-5.0Ncm Safe Ledge Bypassing
 Wireless Charging Warranty: 1 year

Packing List:

- | | |
|-------------------|-------------|
| 1 Ai-motor | 2x lip hook |
| 1x measuring wire | 2x probe |
| 4x file clip | 1 manual |

T-Mode Safe Ledge Bypassing



Woodpecker Endomatic Endo Motor With Integrated Apex Locator

Specification:

Maximum compatibility
 Wide torque and speed range make it compatible with various file systems.
 Speed range : 100-1000 RPM
 Torque range : 0.4-5.0 N.cm
 Integrated length determination
 The EndoMatic combines with the length measuring function.
 This feature makes the endodontic treatment safer.
 The file position is shown on the display screen.
 And the Endo motor stops rotating or reversely rotates as soon as the file reaches the APICAL POINT.



\$700

27-2-RCM

Endomatic

Woodpecker Endo Free Brushless Endo Motor

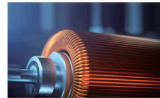


High performance brushless motor

High torque and fast response

More accurate and more stable output, enabling more efficient preparation

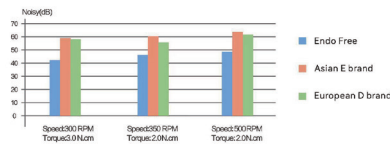
Speed: 100rpm-1500rpm
 Torque: 0.4N.cm-4.2N.cm



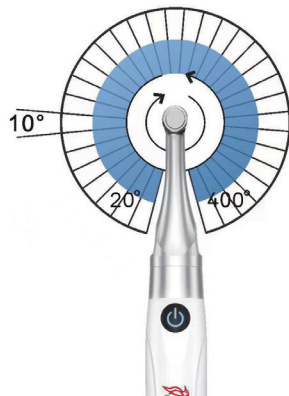
Low wear, low heat and longer service life

10 times the service life of brush motor.

Smoother rotation and lower noise.
 Stable cutting can still be ensured at the narrow or curved apex.



Adjustable reciprocating angle with 10° interval
 Adjustment range of forward and reverse reciprocating angle: 20°-400°
 Accurate control of the rotation angle reduces the risk of instrument separation and enables more efficient and safer preparation.



\$450

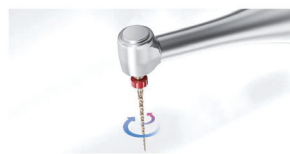
27-52

4 working modes guarantees safer and more efficient preparation

Forward rotation mode / Reverse rotation mode
 Reciprocating mode / ATR mode

ATR mode

The file reciprocates per set angle after reaching the preset torque.
 Accurate control of the rotation angle reduces the risk of instrument separation and enables more efficient preparation.



6:1 mini contra-angle delivers broader operation field

Compact but powerful
 6:1 speed ratio ensures low speed and stable rotation under high torque

Head height: 9.7mm
 Head diameter: 8mm
 Neck diameter: 6mm

360° rotatable contra-angle

More flexible operation, facilitating the preparation of teeth at different positions

Endo Free

VK88 9 Program Reciprocating LED Endo Motor

Specification:

1. Electric motor
2. Drive-16:1 electric contra angle is available
3. Easy operating with wide LCD screen
4. 9 program setting can be memorized, adjustable speed and torque
5. Auto reverse to protect the file
6. Auto power off and memory function
7. 1200mAh high capacity Li-ion chargeable battery



vakker®



\$400
VK88

VK88

Woodpecker DTE DPEX V Endodontic Root Canal Apex Locator

Specification:

- Clear bright 4.5" LCD for a clear image & different colors to clearly shape the trajectory of the file.
- Multi-frequency apical position technology for accurate measurement.
- Accurate reading even in the presence of blood or residual pulp in the root canal.
- Measurement will not be affected by the tooth type.
- Based on advanced multiple frequency network impedance measurement technologies and automatic calibrating ensure the measurements are accurate.
- Autoclavable file clip, file hook, file probe.
- Avoiding cross infection effectively.
- When doing the measurement, the changes in the sound can indicate the position of the file in the root canal.

Package includes:

- 4pc file clip
- 5pc lip hook
- 2pc probing
- 1pc apex locator

\$250
27-48



DPex V

Ai-Pex Dental Endodontic Root Canal Apex Locator w/ Pulp Tester

Specification:

Working time: 5h 20min
 Charging time: 3H
 Battery: 3.7V/2000mAh
 Input:~100V-2440V 50Hz/60Hz 0.4A
 Consumption power:≤0.5W
 Screen:3.8-inch LCD Screen
 Operation Condition
 Environment temperature: +5℃~+40℃
 Relative humidity:30%-75%
 Atmosphere pressure:70kPa~106kPa



\$500
27-51

Configuration:

- Not autoclavable
- Measuring Wire 1pc(soft texture. Long service life.)
- Autoclavable
- File clip*4pc(coated with biological silica gel)
- Lip Hook*5pc(Made of medical-grade stainless steel)
- Apex locator probe*2pc
- Pulp vitality probe*2pc

BRIEF INTRODUCTION OF ICONS IN ELECTRIC PULP TESTING FUNCTION (PT MODE)

4 working modes: 6.2s to reach the maximum pulse intensity at the quickest speed



Woodpecker Gutta-percha Obturation Pen & Gun

Fi-G Package include:

- 1 x Obturation Gun
- 1 x Power adapter with cable
- 1 x Gutta-percha injection needle 23G#24mm
- 1 x Gutta-percha injection needle 23G #28mm
- 2 x Gutta-percha injection needles 25G #24mm
- 2 x Heat insulation hood
- 1 x Heat insulation sleeve for injection needle
- 2 x Cleaning brush
- 1 x Pushing ram
- 1 x Wrench
- Instruction Manual



\$550

27-49-G

Fi- G

Fi- G+Fi- P=850

Fi-P Package include:

- 1 x WP4004 tip (Taper 4%)
- 1 x WP4504 tip (Taper 4%)
- 1 x WP5506 tip (Taper 6%)
- 1 x WP5508 tip (Taper 8%)
- 1 x Main unit
- 1 x Charging stand
- 1 x Power adapter
- 4 x Heat insulation sleeve of tips
- 1 x Instruction manual



\$350

27-49-P

Fi- P

Dental Fi-E Gutta-Percha Obturation System

Primary technical parameters:

Optional preset temperatures:

100°C→120°C→150°C→180°C→200°C

Time consumption for charging:

About 2.5h (First charging needs 3 h)

Battery capacity: 2000mAh

Hot Melting and Filling Instrument: 148g

Charging base: 179g

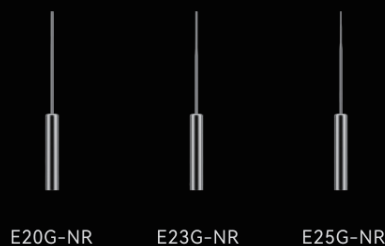
Power adapter: 167g



\$650

27-49-E

Fi- E



Injection needle specifications



Woodpecker Gutta-percha Obturation Pen & Gun



\$60
Gun Tips

20G 22mm
20G 24mm
20G 28mm
23G 24mm
23G 28mm
25G 24mm

\$30
Pen Tips

WP5508L
#55/08 Taper

WP5508
#55/08 Taper

WP5510
#55/10 Taper

WP6012
#60/12 Taper

WP3504
#35/04 Taper

WP4004
#40/04 Taper

WP4504
#45/04 Taper

WP5004
#50/04 Taper

WP5506
#55/06 Taper

Woodpecker R1 Plus Endo Ruler

R1 Plus

Gutta-percha Cutter

\$50
27-49-R1-PLUS



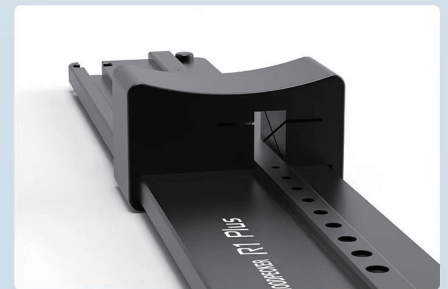
01

Gutta-percha point trimming, smooth and glabrous cut surface



02

18 trimming and diameter measuring holes with an accuracy of 0.01mm, suitable for all gutta-percha points on the market



03

Anti-rust and double-sided cutting blade, smooth cutting can be done by sliding forward or backward



04

30mm length measuring ruler



05

Laser marking guarantees durable and fadeless marks



06

Made of aluminum alloy, autoclavable, light weight, no rust

Woodpecker FI-N Plugger

Fi-N PLUGGER

\$40/each

\$115/set

27-49-FI-N

Plugger Fi-N



- 1 4 models with different tip diameters
35-70
40-80
50-100
60-120
- 2 The smaller end is NiTi alloy tip and the other end is stainless steel tip.
Good rust resistance.
Super elastic NiTi alloy can easily restore to its original state after 500 times of bending.
Two laser marking rings of 10 mm and 15 mm engraved on the NiTi tip enable easier identification of the condensation depth.
- 3 78 precise machining processes are conducted on each plugger with CNC machining equipment imported from Germany and Japan
- 4 Taper accuracy up to **0.02mm**
- 5 Ergonomically designed handpiece allows easy operation and comfortable holding



Vakker® Endodontic Files

IV ONE GOLD
(Reciprocating Files)

\$23
3/pk

\$27
4/pk



Description

Can Replace the WaveOne Gold Reciprocating Files

Size: Small 20.07 Primary 25.07 Medium 35.06 Large 45.05

Length: 21mm 25mm 31mm

Package: 3/pk single package; 4/pk assorted package

V-Taper Gold

(NiTi Rotary Files, Protaper Gold Users)

Packing : 6pcs/pack single size / assorted

Size : Shaping Files: #SX, #S1, #S2

Finishing Files : #F1, #F2, #F3, #F4, #F5

Length : 21,25,31mm

Taper : Variable taper

Cross Section : 

Features

New generation of raw material; Advanced technical process

Shocked Toughness

200%-500% Fracture Resistance improved

SX 0.19mm S1 0.18mm S2 0.20mm

F1 0.20mm F2 0.25mm F3 0.30mm F4 0.4mm F5 0.5mm

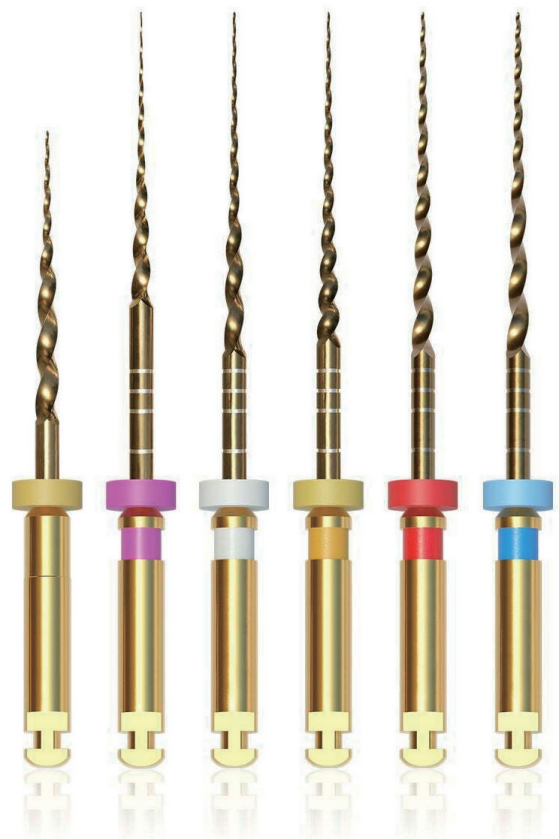
Taper:04-08

Torque:5.0 N/CM(SX,S1); 1.5 N/CM(S2,F1); 3.0 N/CM(F2,F3,F4,F5)

Recommended Rotary Speed: (260-350 rpm)

Recommended Temp: ≤ 126

\$30
6pcs/pk



Vakker® Endodontic Files

V BLUE

(Vortex Blue Users)

Q: Which system is advantageous in curved canals ?

A: V Blue !

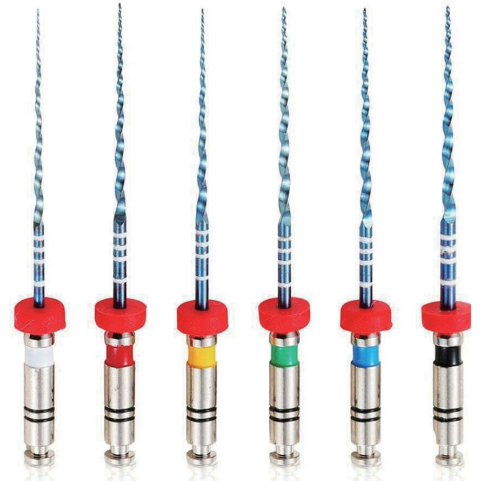
15	15/.04	15/.06	20	20/.04	20/.06
25	25/.04	25/.06	30	30/.04	30/.06
35	35/.04	35/.06	40	40/.04	40/.06
45	45/.04	45/.06	50	50/.04	50/.06

Material : NiTi **Standard :** Blue **Length :** 21,25,31 mm

Rotary speed : 250-360 rpm **Torque :** 2.0~3.0 N/cm

Package : 6 pcs per box/blister assorted/single size

\$32
6pcs/pk



K FILES

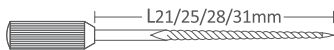
\$2.8 MOQ 10pk, Mixable

6pcs/pk

006	008	010	015	020	025	030	035	040	045	050	055	060	070	080
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Material : Stainless Steel/NiTi **Package :** 6 pcs per box assorted/ single size

Size : ISO sizes **Sterilization :** ≤126°C **Length :** 21,25,28,31 mm



Hand use



Engine-driven



C FILES

\$4.8 MOQ 10pk, Mixable

6pcs/pk

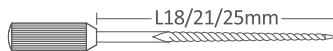
006	008	010	015	020
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Material : Stainless Steel **Package :** 6 pcs per box assorted/ single size

Size : ISO sizes **Sterilization :** ≤126°C **Length :** 18,21,25 mm

Features and Benefits:

- Ensures the patient's safety
- Reduces the risk of instrument breakage
- Twisted file design for greater strength



Hand use



Vakker® Endodontic Files

BARBED BROACHES

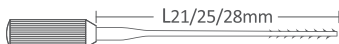
000 001 002 003 004 005 006

\$5.8 MOQ 10pk, Mixable

10pcs/pk

Material : Stainless Steel **Package :** 10 pcs per blister assorted/ single size

Size : ISO sizes **Sterilization :** ≤126°C **Length :** 21,25,28 mm



Hand use

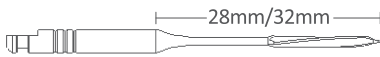


PEESO REAMERS

01 0.5 mm 02 0.7 mm 03 0.9 mm 04 1.1 mm 05 1.3 mm 06 1.5 mm

Material : Stainless Steel **Length :** 28,32 mm

Max. Rotary speed : 1200 min⁻¹ **Package :** 6 pcs per box



\$6.8 MOQ 10pk, Mixable

6pcs/pk

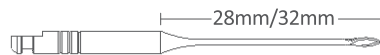


GATES DRILLS

01 0.7 mm 02 0.9 mm 03 1.1 mm 04 1.3 mm 05 1.5 mm 06 1.7 mm

Material : Stainless Steel **Length :** 28,32 mm

Max. Rotary speed : 800 min⁻¹ **Package :** 6 pcs per box



\$6.8 MOQ 10pk, Mixable

6pcs/pk

- Advanced material: differed from 304 stainless steel, imported from South Korea
- Higher hardness martensitic grade for cutting instrumentation
- Higher fracture resistance compared with other brands.



Woodpecker Endo 3 Ultrasonic Endo Activate Device

\$250

27-74



- LCD screen + Ring switch button
- Dual-mode setting
- Three power levels
- Four time modes
- Wireless control, handy to operate

Dual-mode setting

Mode 1: Hot standby mode

In this mode, power and time can be adjusted.

Mode 2: Irrigation mode

It is working mode.

Three power levels

Three power levels available: E1, E2, E3,
Power from low to high in order

Four time modes

Four time modes optional:
"10, 15, 20, --"

The working time in the irrigation mode:
"10s, 15s, 20s, 10min"



3. Ultrasonic Scaler & Tips

DTE D600 LED Ultrasonic Scaler



\$600

27-19-5

Ultrasonic Endodontic Expert
 Intelligent power output enables
 painless treatment--Sine wave drive;
 Intelligent degenerative feedback;
 Smart touching system--Ultra-sensitive
 & Waterproof design;

Features:

- 1· Sealed handpiece autoclavable.
- 2· Scaling, Perio, Endodontic
- 3· Automatic frequency tracking.

Technical:

Model	DTE D600 LED
Function	Scaling, Perio, Endo
Control	Foot switch
Handpiece	Detachable handpiece
Output primary tip vibration excursion	≤ 90µm
Output half-excursion force	< 2N
Vibration frequency of the tip	28kHz±3kHz
Voltage	110V~ 50Hz/60Hz 220 - 240V~ 50Hz/60Hz
Ultrasonic output power	3W-20W
Weight of main unit	1.8kg
Dimensions	241*193*97mm

DTE D5 LED Ultrasonic Scaler

Feature:

Three functions: Scaling, Perio, Endo.

Eliminating the dental calculus, bacterial plaque, and tea scales on the teeth quickly without hurting the gum or the enamel.

Technical Specification:

Power Input: 110V~50Hz/60Hz 1.2A (max)

Water Pressure: 0.01MPa~0.5MPa

Main Unit Input: 24V~1.3A

Dimension: 188mm*159mm*81mm

Output Power: 3W~20W

Frequency: 28kHz±3kHz

Main Unit Weight: 0.65kg

Adapter Weight: 1.2kg

1 DTE D5 LED Ultrasonic Scaler 6 tips

(2*GD1T,1*GD2T,1*GD4T,1*PD1T,1*ED1T)

\$200

27-19-2



Detachable handpiece with light

Shell of the handpiece is made of special imported plastic from America.

Without cracking or deformation under the pressure.

Detachable handpiece with light, better visibility.

Note: This type can match with handpiece without light.



LED with light effect



Without light effect



DTE S6 LED Ultrasonic Scaler



Main unit input: 24v 50hz 110 v
 Water pressure: 0.01MPa-05MPa
 Frequency: 28khz + 3khz
 Main unit weight: 650g
 Dimensions: 197mmx174mmx74mm
 S6 LED Ultrasonic Scaler with 7 Tips
 (GD5, GD12, PD4, PD7, PD12, ED60*2
 Tips)

\$250

27-50-S6

DTE D7 LED Ultrasonic Scaler

The ultrasonic scaler is composed of the electro circuit, water spray, and ultrasonic transducer.

Application:

Woodpecker DTE D7 LED ultrasonic scaler is used for dental calculus elimination and root canal treatment.

Functions:

Woodpecker D7 LED ultrasonic scaler has scaling, period endo, and auto-water supply functions.

Technical Specifications:

Power input 220 - 240V~ 50Hz/60Hz / 110V~ 50Hz/60Hz

Main unit input 24V~ 50Hz/60Hz 1.3A

Output power 3W~20W

Frequency 28kHz±3kHz

Main unit weight 1.35kg

Adapter weight 1.2kg

Dimensions 237mm × 206mm × 95mm

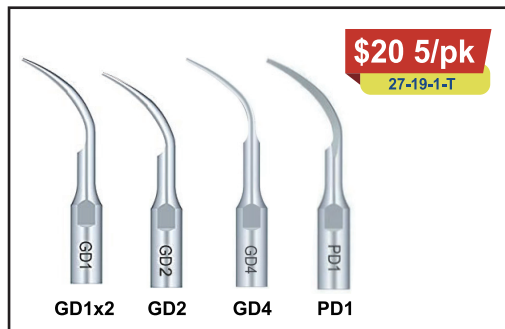
D7 LED Ultrasonic Scaler with 8 Tips (GD1*2,
 GD4, GD5 PD1,PD3, ED1,PD4D Tips)



\$350

27-19-4

Woodpecker DTE Ultrasonic Scaler Tips



Woodpecker DTE Ultrasonic Scaler Tips



\$30 5/pk

GD8



\$70 5/pk

PD4D



\$20 1/pk

PD14L



\$15 1/pk

ED14



\$25 1/pk

ED7



\$15 1/pk

ED15



\$25 1/pk

ED12D



\$15 1/pk

PD2L



\$15 1/pk

PD2R

15#

20#

25#

30#

35#

40#



\$20 6pcs/bottle

each model

4. Air Polisher

Main technical specification:

- Power adapter input: 110-240V~ 50Hz/60Hz 400mA
- Power adapter output: 25V~ 50Hz/60Hz 2.8A
- Main unit input: 25V~ 50Hz/60Hz 2.8A
- Water inlet pressure: 1bar~5bar (0.1MPa~0.5MPa)
- Air inlet pressure: 5.5bar~7.5bar (0.55MPa~0.75MPa)
- Water outlet temperature of air polishing system: 0~45°C
- Main unit weight: 2.75Kg
- Main unit size: 330mm×280mm×120mm

\$4500
27-102

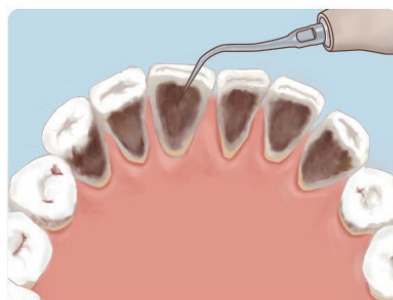


PT-A

Lightweight handpiece
Longer service life



Before



Under scaling



After

vakker® Dental Practice Helper!

Woodpecker PT-B Air Polisher & Scaler



PT-B

PT-B

Five - in - One

Comfort Reigns Convenience Rules

Air polishing

Periodontal treatment

Endodontic treatment

Restoration preparation

Implant maintenance

\$5000

27-112

State-of-the-Art Perio Treatment Protocol Unique Guided Biofilm Therapy (GBT)

Air polishing

Realize both supra-and subgingival scaling

12 levels of water volume and power adjustment for precise treatment

4 temperature settings for added comfort

Ultrasonic scaling

Three modules: G P E

Four functions:

Periodontal treatment Endodontic treatment
Cavity preparation Implant maintenance

To offer a one-stop ultrasonic solution

System setting

Central processing interface

Multiple mode selection

One-button switch



Woodpecker AP-B Dental Air Polisher & Scaler

Main technical specification:

- Power adapter input: 100-240V~ 50/60Hz 1.1A
- Main unit input: 30V 1.3A
- Main vibration offset of output tip (maximum):100μm, deviation: ± 50%
- Output tip vibration frequency: 30±5kHz
- Output half offset force (maximum):10N deviation: ± 50%
- Output power of tip: 3W ~ 20W
- Main unit insurance: T1.6AL 250V
- Air inlet pressure: 5.5bar ~ 7.5bar (0.55MPa ~ 0.75MPa)
- Main unit weight:2.0kg
- Main unit size: length×width×height 270mm×170mm×90mm

\$2600

27-103



AP-B

Ergonomic design

Fully transparent funnel-shaped powder tank

Stable powder output
360°rotatable, allowing real-time observation of powder flow in the tank

Compact and lightweight

The main unit weighs only 2kg
Space-saving base design



Woodpecker Dental AP-H & AP-H Plus Air Polisher

Main technical specification:

Input water pressure: 0.7bar to 2.2bar (70-220kPa)
 Input air pressure: 3.5bar to 4.5bar (350-450kPa)
 Working mode: continuous operation, Intermittent operation
 Weight: About 0.150kg
 Operation environment:
 Environment temperature: + 10°C ~ +40°C
 Relative humidity: 30% ~ 75%
 Atmospheric pressure: 50kPa ~ 106kPa



AP-H

\$300

27-104

AP-H Plus

\$420

27-111

AP-H: 1pc Supragingival Handpiece
 AP-H Plus=AP-H+AP-2 Subgingival Handpiece+ 10pc Subgingival Nozzle

Three-section air-polishing handpiece design

Detachable handpiece

Woodpecker handpiece can be detached for maintenance if clog occurs, which makes it unique among all the brands.



5. Curing Light

O-Star Wide Spectrum Curing Light w/ Light Meter



Battery model: 18500,
 Battery capacity: 2000mAh
(The battery has over-voltage, over current, and short circuit protection)
 Adapter(charge) Input: 110V~ 50/60Hz 0.4A Max.
 Output: 5.0V 1A
 Light source:10W high power
 Wavelength: 385nm~515nm
 LIGHT INTENSITY UP TO 3000MW/Cm2
 Size of the main unit: 23mm×23mm×204mm
 Net weight of the main unit: 108g
 The duty cycle of the equipment: 20 Sec on/20 Sec off

7 Modes to fully meet a variety of clinical needs.
 MODES: Normal mode, High mode, Turbo Mode, Ortho Mode, Soft Mode, Pulse Mode, and Check mode.

\$500
 27-54

VK-018 1 S Broad Spectrum Curing Light

Key Features:

- ◆ Light Intensity: Upto 2300 mW/cm2
- ◆ Wave Length: 370-550 nm

Cure 2mm resin within 1 second

Mode:

- P1 Turbo 1s 3s;
- P2 Normal 5s 10s 15s 20s

Luxury Metal Tips Anti Fall Anti Cracking & Fast Heat Dissipation
 Continue using upto 160 hours

Color available

- White (order#27-4-4-WT)
- Black (order# 27-4-4-BK)

1 year warranty

\$215
 VK018



VK-018 Pro 1 S Broad Spectrum Curing Light w/ built-in radio meter (order#27-4-6)



Key Features:

- Built-in Radio Meter
- ◆ Light Intensity: Upto 2300 mW/cm2
- ◆ Wave Length: 370-550 nm

Cure 2mm resin within 1 second, good for most composites on market

Mode:

- P1 Turbo 1s 3s;
- P2 Normal 5s 10s 15s 20s
- P3 Ramp 10s 15s 20s

Luxury Metal Body Anti Fall, Anti Cracking & Fast Heat Dissipation
 Continue using up to 160 hours

1 year warranty

\$600
 VK018 Pro



Woodpecker iLED & iLED Max 1Sec Curing Light

iLED

iLED Max



27-4-12-PP

27-4-12-WT

27-4-13-PP

27-4-13-WT

Dimensions: 25mm×25mm×240mm.

Net weight: 278g.

Power supply: rechargeable Lithium battery

Battery mode: ICR 18490

Battery voltage and capacity: 3.6V/ 1400mAh

12 months warranty

Woodpecker O-Light & O-Light Max 1Sec Curing Light

O-Light

O-Light Max



27-4-14-WT

27-4-15-WT

Size: 268.8mm×26.1mm×31.8mm

Net weight: 259g

The components of machine: see the packing list.

Adapter: classified by power supply The power supply by the rechargeable battery.

Adapter(charge) Adapter input: AC100~240V
50Hz/60Hz

Output: DC5V 1A

Built-in fuse: T1A250V

12 months warranty

6. Handpiece

vakker[®] Dental Practice Helper!

VK200 High Speed Air Turbine Handpiece

More Powerful, More Durable, Less Cost

Self-Generating Fiber Optic

12 months warranty

\$350

VK200



21W Power
More Powerful

German Turbine
More Durable

No Coupler
Less Cost



V1 High Speed Air Turbine Handpiece



Non-Optic Japanese Turbine

6 months warranty

Order# V1

\$60

V1

VK100 High Speed Turbine E-generator Handpiece

Fiber Optic German Turbine

12 months warranty

Order# VK100

\$280

VK100



Vakker Quick Coupler



Built-in Generator Works for 4 & 6 Holes Compatible for Kavo

Order# VKQC01

\$120

VKQC01

E type External Water Spray Low Speed Handpiece & Air Motor Set (order#VK11E)

Set Includes:

- ◆ 1* MINI Air Motor (E-type 4-hole, light weight) (order#VKAR11E)
- ◆ 1* Straight Nosecone Handpiece (with twist lock) (order#VKST11E)
- ◆ 1* Contra angle (Push Button, use with latch type burs) (order#VKCA11E)

Upto 135 °C autoclavable

1 year warranty

\$150/set
\$50/each



E-type 16:1 Straight Nose Cone Reduction Speed Handpiece (order#VKST16)

Orthodontics IPR use handpiece together with small disc; also can be used with disposable angle for cleaning and polish purpose.

- For CA burs(ø2.35)
- Max.40,000 RPM

1 year warranty

\$150
VKST16



vakker® **Dental Practice Helper!**

Dental Hygiene 4 Hole Prophy Air Motor + 4:1 Straight Reduction Handpiece Set



Operating speed: 4,000 r.p.m +/-10% (4:1 reduction)

Power output: 6.0 watts

Operating air pressure: 3kg/cm² (42 p.s.i.)

Connetor Type: Midwest 4 hole

Filtration: 20 micron air filter recommended

Attachment: ISO standard type disposable prophy angles 510 (K) cleared

Max Speed: 4000 rpm ±10%

12 months warranty

VK-PP01

\$150



4:1 Handpiece

\$90

VKST41



4 Hole Prophy Air Motor

\$70

VKPAM01

vakker® **Dental Practice Helper!**

Dental Prophy Hygiene 4 Hole 4:1 Air Motor + 1:1 Handpiece Set



Max Speed: 4000 rpm \pm 10%

Easy Plug in, pull out friction grip chucking system

Accept all Disposable Prophy Angles with 4 hole connector.

45 degree connector design reduces air tube drag

12 months warranty

VK-PP02

\$200



1:1 Prophy Straight Handpiece

\$50

VKPST11



4:1 4Hole Air Motor

\$160

VKPAR02

Vakker® Disposable Firm & Soft Prophy Contra Angles



Fits all standard straight handpieces, Latex Free

Ultimate smoothness with unique gearing

Guaranteed no dislodging of cup

Soft (Purple) or Firm (Blue) Cup available

Package:

SKU: 28-331-BL Blue/Firm: 100pcs/box

SKU: 28-331-PP Purple/Soft: 100pcs/box

Blue Firm & Purple Soft Prophy Angle

\$25

vakker[®] Dental Practice Helper!

Vakker Electric Handpiece

1 year warranty



16:1

\$500

VKE161L



1:1

\$400

VKE11L



1:4.2

\$900

VKE142L



1:5

\$800

VKE15L

Woodpecker DTE DBA Electric Handpiece

1 year warranty



\$700

WJ-45L



\$600

WJ-15L

7. Dental Electric Motor

Woodpecker MT2 Dental Electric Motor



MT2



1. 3.5" LCD Screen, presents all function
2. Imported German Bearing, Low vibration enables more precise tooth preparation
3. The woodpecker motor has memory presets for handpiece you can save 3 speed choices to quickly switch between them without using up / down buttons.

\$1200

27-53



1:4.2 Handpiece

\$700

WJ-45L



1:5 Handpiece

\$600

WJ-15L



Speed ratio



LED



Mode



Forward/Reverse rotation



Speed adjustment



Setting



Save

Configuration

- Main unit x1
- Motor with LED x1
- Power adapter x1
- 1:5contra-angle with LED and German bearing x1

Vakker Dental Electric Motor

- ✓ Faster Tooth Preparation
- ✓ Less Splatter
- ✓ More Stable Power Supply
- ✓ 2 Year Warranty



\$800
VKEM01



Configuration:

- Main Unit x1
- LED Micro Motor with Cable x1
- Power Adapter x1
- User Manual x1

8. Diode Laser

Woodpecker LX16 & LX16 Plus Dental Diode Laser



Innovative Two/Three Wavelengths Blue Semiconductor Laser Therapy Device

Can be used for the fields of dental soft tissue surgery, endodontic sterilization, periodontal sterilization, peri-implantitis, low intensity laser therapy, oral ulcer, and teeth whitening.

Remarkable treatment effect: There is basically no bleeding during operation, maximally minimizing the postoperative swelling, reducing pain of patients, and accelerating the recovery.



\$4300

27-66 LX16



\$5000

27-66 LX16 PLUS

Power adapter input: 100-240Vac, 50/60Hz, 2.5A

Main unit input: 15V 6.0A

Wavelength and power:

- a) 976± 20nm : 0.2W-4W(CW), Peak Power 5W
chopped 1Hz to 20KHz
chopped mode:5us – 0.9S
- b) 650± 20nm : 25mW-200mW(CW)
- c) 450± 20nm: 0.2W-3W(CW)
chopped 1Hz to 20KHz
chopped mode:5us – 0.9S

Laser classification:

- a) 976 nm: Class 4
- b) 650 nm: Class 2
- c) 450 nm: Class 4

Aiming beam: 650 ± 20 nm / Pmax<5mW (class 1)

Aiming beam: 650 ± 20 nm /Pmax<5mW

Divergence:12.7°(According to IEC 60825-1: 2014)

Rechargeable battery: 11.1V/2600mAh x2 (57.7Wh)

Time consumption for charging: about 4h (5 hours for first charging)

Diverging half angle: 0.22 rad/ 12.6 °



Before treatment



Under treatment



Four weeks later

9. Woodpecker Implanter Plus

Woodpecker Implanter Plus

Specification:

- Torque Range/Gear20:1: 5N.cm-80Ncm
- Device for intermittent operation: 3 min ON,10 min OFF
- Power supply voltage: 200-240V~
- Power supply frequency: 50/60Hz
- Software version: Implant-V1
- Input power: 150VA
- Fuses: 2×T1.6AL 250V
- Applied parts: Contra-angle handpiece
- Maximum Temperature: 41.8℃
- Maximum water volume: 135ml/min
- Dimension: 276mm*267mm*110mm



Color touch screen with glass surface

The colour touch screen with its glass surface makes operation of the control unit simple and intuitive. The glass surface is easy to clean. Wiping disinfection ensures safety in treatment area.



Mute peristaltic pump

Mute peristaltic pump water supply system is easy to connect. Be compatible with disposable oral water pipe to ensure safety of treatment.



Flexible multi-function foot pedal

Multi-function foot pedal can realize aseptic operation and liberate two hands.



Outstanding quality makes it your solid choice

Implanter adopts mute motor imported from Swiss.
 Advanced FOC controlling technique blends low speed performance with high speed performance.
 In order to verify the clinical features of flexible response and stable safety, Implanter R & D personnels go into the operating room, getting them involved in clinical applications.
 Under the instruction and assistance of experts from home and abroad, they finally complete the clinical optimization of product.
 Woodpecker spares no efforts to provide you high quality products.

Intuitive user interface

Large color screen enables clear display.
 Visual images display every procedure in implant surgery.
 Preset parameters eliminate setting process.



Specification	
Rotation Speed Range	300-40,000rpm
Torque Range/Gear20:1	5N.cm-80N.cm
Max Pump Output	110ml/min
Main Unit Dimensions	276mm*267mm*110mm
Motor Dimensions	φ 23.4mm*L91mm
Motor Weight	140g
Power Supply	AC220V 50/60Hz

Motor with precision and strength

Imported powerful Swiss motor
 6.2Ncm motor torque can guarantee 80Ncm output torque, making difficult surgery easier.
 Motor and cable can be autoclaved.
 Lighter micro motor realizes flexible operation
 LED motor enables more efficient and accurate treatment.



vakker® Dental Practice Helper!

Strong and stable contra-angle

LED contra-angle ensures visibility, helping to achieve treatment of high accuracy and efficiency. High precision contra-angle with tiny oscillation enables stable torque output under high speed and low speed. Imported advanced bearings guarantee performance and durability of contra-angle.



Color touch screen with glass surface

The colour touch screen with its glass surface makes operation of the control unit simple and intuitive. The glass surface is easy to clean. Wiping disinfection ensures safety in treatment area.

Flexible multi-function foot pedal

Multi-function foot pedal can realize aseptic operation and liberate two hands.



Mute peristaltic pump

Mute peristaltic pump water supply system is easy to connect. Be compatible with disposable oral water pipe to ensure safety of treatment.



Perfect balance

Balance between weight of contra-angle and motor guarantees better holding

Reduce hand fatigue in complex surgery.

LED contra-angle ensures visibility, helping to achieve treatment of high accuracy and efficiency.



10. Ultrasonic Bone Surgery

Woodpecker US-II LED Ultrasonic Bone Surgery



Specification:

US-II LED

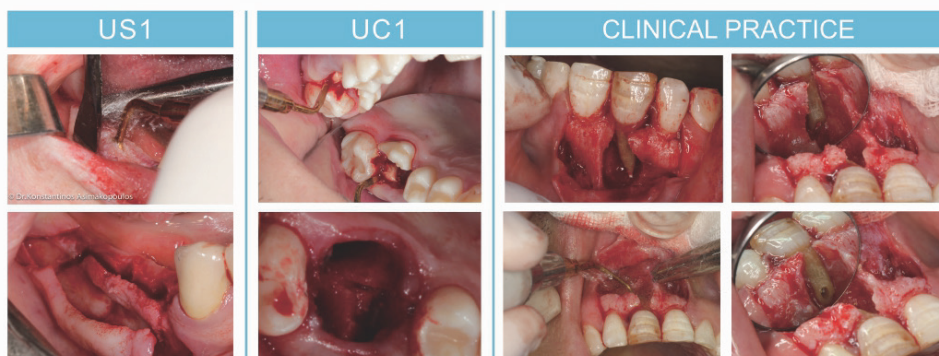
\$3200

27-61

Power input	110 ~ 240V~ 50Hz/60Hz
Main unit input	24V~ 1.3A
Output power	5W ~ 35W
Frequency	24kHz ± 36kHz
Main unit weight	3.1kg
Dimensions	330mm×254mm×167mm
Warranty	1 year

Packing List:

- | | |
|-------------------------------------|---------------------|
| 1 x Main Unit, | 2 x Tip Holders, |
| 2 x LED Handpieces with cord, | 1 x Torque Wrench, |
| 14 x Tips, | 1 x Foot Switch, |
| Basic Kit - US1, US2, US3, US4, US5 | 1 x Pump connector, |
| Sinus Lift Kit - UL1, UL2, UL4, UL5 | 1 x Surgical Tray, |
| Osteotomy Kit - US1,US2,US1L,US1R | 1 x Suit case, |
| Implant Prep Kit - UI2, UI3,UL2 | 1 x Rod, |
| | 1 x connector etc. |



Equipped with **x2**



Woodpecker Surgic Smart Ultrasonic Bone Surgery



Surgic Smart

Specification:

- Device in accordance with Directive 93/42EEC.
- According to EN60529: IPX1 (device) IPX6 (foot pedal)
- Software version: BoneSurgical4-V1.0.0
- Device for intermittent operation: 60s ON, 10s OFF
- Power-supply voltage: ~100V-240V 50Hz/60Hz 170VA
- Fuses: 2×1.6AT 250V
- Working frequency: 24kHz~36kHz
- Flow: 25~110ml/m
- Applied parts: Tips

\$4500

27-67



Sterilizable water pipe

External handpiece for easy disassembly and maintenance Autoclavable



Multi-function foot pedal

Control of multiple functions
One-button rinse mode



Ultra-quiet peristaltic pump

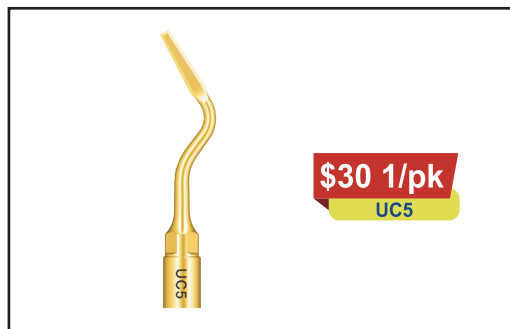
Continuous and precise flow control; direct water flow to the tip end; efficient cooling

More silent and stable

Woodpecker S Tips fit for Surgical Smart Perio plus Satelec tips



Woodpecker U Tips Fit for US-II LED, AiSurgery Perio plus Mectron Perio



11. Portable Micromotor

Portable Brushless Micromotor

\$350

VKMM1

Fit for dental, manicure, podiatry, jewelry, handicraft processing and so on.



\$300

VKMM1E

Product Applicable

Designed for convenience operation



BRUSHLESS HANDPIECE

Speed: 1,000-35,000 RPM

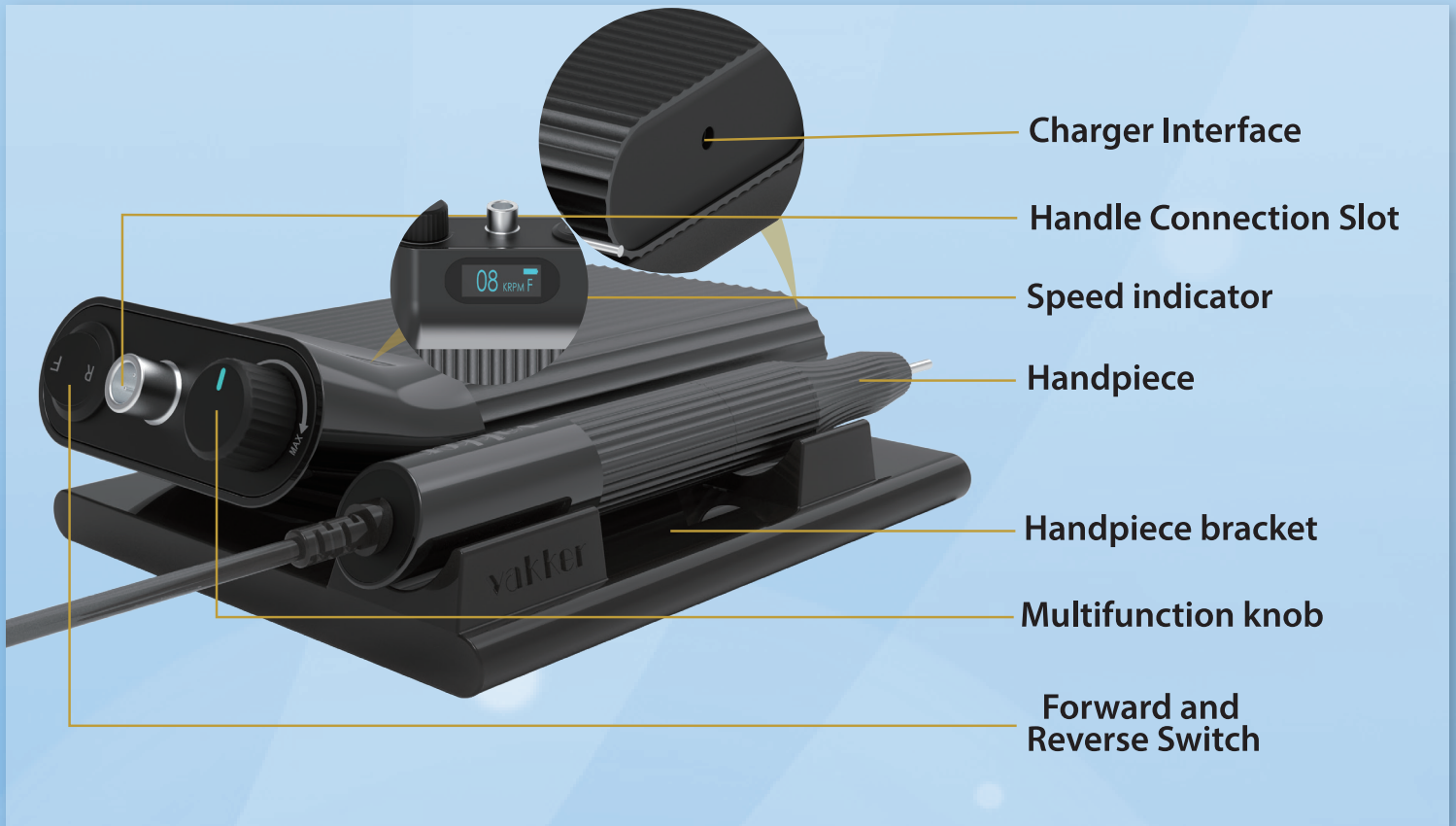
Fit standard 3/32" burs

LED Screen, clear and easy operation

Operation time: 9h Full charge time: 3.5h

Low Noise and vibration, High Efficiency

Torque: upto 9.6 N.cm



- Charger Interface
- Handle Connection Slot
- Speed indicator
- Handpiece
- Handpiece bracket
- Multifunction knob
- Forward and Reverse Switch

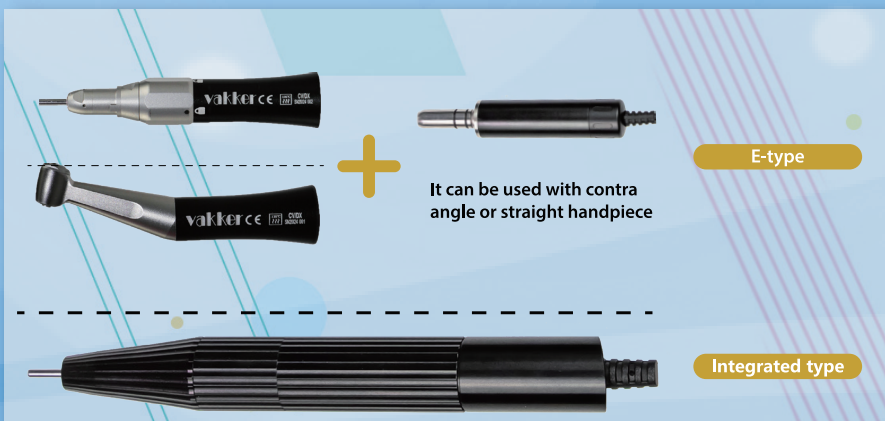
Product Specification

Please do not use this product in hazardous locations.

Please choose a dry and ventilated environment to store and use the grinder.

VK-MM1 Power Control Box		VK-MM1 Charger	
Maximum Current	Input voltage: DC 12.6V 1A Output voltage: 12.6V 4A	Maximum Current	Input voltage: 100-240V 47-63HZ Output voltage: 12.6V 1A
Weight	322g		
Dimensions	132*65*61mm		
Battery capacity	2600mah		

VK-MM1 Handpiece	
Maximum speed	35000rpm
Voltage	12.6V
Weight	162g
Dimensions (mm)	L140 D16 H18



VK-MM1E Handpiece	
Maximum speed	35000rpm
Voltage	12.6V
Weight	120g
Dimensions (mm)	L140 D16 H18

12. Portable Dental Unit System

vakker[®] **Dental Practice Helper!**

Portable Dental Unit System VK852 2000

Specification

Voltage : 110v/220v

Power : 0.75kw

Air Flow: 50L/min

Volume of Tank : 1L

Net weight : 31.7kg

Noise Level : ≤ 62 dB (A)

Dimension : 450*310*680mm

Content

1 x 3-way Syringe

1 x Saliva ejector

1 x High Vac. ejector

1 x Air compressor

1 x Scaler

1 x Curing light

1 x L.S.H Tube

1 x H.S.H Tube

VK852

\$2200

VK852



13. Automatic Crown Remover

vakker[®] Dental Practice Helper!

Automatic Crown Remover

- EASY REMOVER



Light, Fast And Efficient

\$550

27-37

vakker[®] Dental Practice Helper!

CONVENIENT AND EFFICIENT OPERATION STEPS



1 One-Click Insert Positioning

New bayonet attachment that lets you insert your hook or wire-tip in a single hand movement. Eliminates the risk of inserts unscrewing!



2 Standardized Universal Connection

Can be adapted to all types of standardized motors and chairs



3 ATD wire-tip system reducing stress on bridges

Excellent stability during use and reduced risk of fracturing prostheses



4 Transformation of rotational movements in micro-impacts (up to 20 micro-impacts per second) and easy functioning without resetting

Press the motor pedal: a simple traction motion sets off a series of ultra-fast micro-strokes, with adjustable intensity and frequency. The micro-strokes stop as soon as traction is released or the motor stops.



5 4 hooks + single and double wire-tips

It is suitable for most clinical needs; selected materials, durable, autoclavable.



6 5 Progressive Adjustments

Perfect control of the effort applied and preservation of prosthetic structure

This is essentially a straight handpiece like device that can be connected to the micro-motor unit. Upon activation it converts the motor's rotary motion into a series of ultra-fast micro-strokes; up to 20 micro-strokes per second. The intensity and frequency of the micro-strokes can be controlled by adjusting the micro-motor settings (between 5,000 and 25,000 rpm). Kit contains a wide range of attachments that allow for dexterity of use (4 hooks and ATD wire system for bridges).

Advantages: Non-stressful for the patient as no resonance is felt. Non-reloading mechanism maintains a constant working axis and precise, continuous contact with the porcelain, thus preventing its fracture. The ATD wire system works well for bridge retrieval without damage to prosthesis or the tooth.

14. Dental Anesthesia Delivery Device

vakker[®] Dental Practice Helper!

Dental Anesthesia Delivery Device Star Pen



\$400

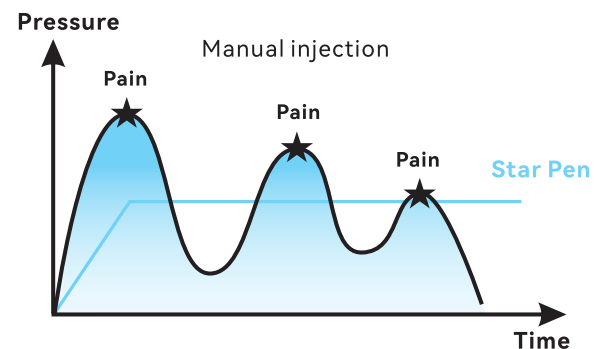
27-69

Voice prompts Safer operation

Speed mode voice prompt
Injection status voice prompt
Injection status indicator prompt



Compared with traditional manual injection, Star Pen adopts intelligent algorithm control with pressure feedback technology. Precisely control the pressure of injection speed, comfortable and painless.



Dental Anesthesia Delivery Device Super Pen

\$600

Super Pen

27-64



27-64-BL

Primary technical specifications

Lithium battery in charging base: 3.7V /2000mAh

Lithium battery in handpiece: 3.7V /200mAh

Input: ~100V-240V 50Hz/60Hz 0.4A Max

Output: DC5V/1A

Environment temperature: +5 °C ~ +40 °C

Relative humidity: 30% ~ 75%

Atmospheric pressure: 70kPa ~ 106kPa

15. Dental Microscope

iSee 9000 Dental Microscope

Surgical Microscope

iSee 9000

Deliver best optical quality and clear surgical field

Integrated 4K High Definition Video System facilitates doctor-patient communication. You can earn patients' trust by sharing visual information with the mand creating comprehensive patient records.

Real-time video or high-definition recorded video for easy team sharing and communication, as well as case sharing and demonstration



\$20000
27-68

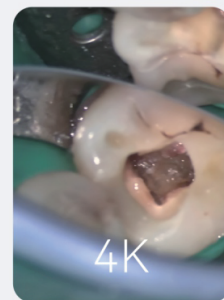
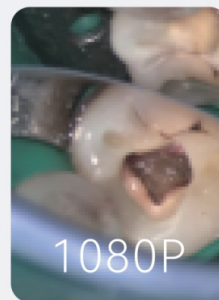
Four-in-one integrated 4K module

4K High Definition Video System:

4096 × 2160 ultra-high resolution, 4 times that of 1080P

Present you with with images and videos for crystal-clear details and true-to-life color, which can be saved in the high-speed SD card / U disk.

Wireless foot pedal allows quick and easy control.



Built-in orange filter+ green filter



Orange filter:
Preventing premature curing of composites



Green filter:
Enable you to see tiny nerves and vessels clearly in the surgical environment with blood

16. Teeth Whitening

FlagShip Teeth Whitening Kit



Packing List:

- 1 x 28-LED Rechargeable Light
- 3 x 6ml Teeth Whitening Pen
- 1 x Hexagon PU Bag
- 1 x Storage Bag
- 1 x Manual

\$70

1-MS-HTB-S

Electric ToothBrush



Packing List:

- 1 x Electric Toothbrush
- 6 x Replacement Heads
- 1 x Charger
- 1 x Travel Case
- 1 x Head Cover
- 1 x PU Storage Bag
- 1 x Manual

\$60

35-21-BK



Portable Water Flosser



Packing List:

- 1 x Oral Irrigator
- 8 x Replacement Jet Tips
- 1 x USB Charging Cord
- 1 x PU Storage Bag
- 1 x Manual

\$60

35-10-BK

Water Flosser W/ UV Light Sanitizer



Packing List:

- 1 x Oral Irrigator
- 7 x Replacement Jet Tips
- 1 x PU Storage Bag
- 1 x Manual

\$90

35-12-BK

Teeth Whitening Strips



Packing List:

- 28 x Whitening Strips
- 1 x Shade Guide
- 1 x Manual

\$25

1-MS-TWS-6HP-14PK-1

Home Teeth Whitening Kit



Packing List:

- 3 x 3ml Whitening Gels
- 1 x 5-LED Light
- 1 x Tray
- 1 x Shade Guide
- 1 x Manual

\$30

2-9-18-BL-US

Teeth Whitening Strips Kit



Packing List:

- 28 x Whitening Strips
- 1 x 28-LED Rechargeable Light
- 1 x Shade Guide
- 1 x Manual

\$46

1-MS-TWK-KIT-1

Teeth Whitening Pen



Packing List:

- 1 x 2ml Whitening Pen
- 1 x Shade Guide
- 1 x Manual

\$14

MY-TWP-S

Teeth Whitening Gel Refill Pack



Packing List:

- 3 x 3ml Whitening Gels
- 1 x Shade Guide
- 1 x Manual

\$20

4-3-19C-M

R-20 Dental 3D Shade Guide 20 Colored



Packing List:

- 1 x 3D Shade Guide
- 1 x Case With Mirror

\$60

9-R20-M

KY-M228 Teeth Whitening Machine

\$1400

27-3-10



Specifications:

Dimension of frame : Height:480mm, Arm length: 900mm, Wide: 1200mm

Weight of machine: 27kg

Input voltage: AC100V~240V, 50/60 HZ

Output voltage: DC18V

Power: 60W

Wavelength of blue light: 400~460nm

Density of blue light: 300~400mw/cm m²

Whitening time: 0~15 minutes for one time, two or three times for a treatment

MD887 Teeth Whitening Machine

\$800

27-3-5-BL



Specifications:

Broad Spectrum : 450nm~520nm(BlueLight); 600nm~640nm(RedLight);
390nm~410nm(PurpleLight)

Voltage: AC:90V~260V

Light Source: 4~5W/pc(BlueLight); 2~3W/pc(RedLight); 1W/pc(PurpleLight)

Total Arm Length: 75cm.

Total Height: 120cm.

Net Weight: 5.25kgs.

Total Weight Packing: 7.84kgs.

Box Size: Long:66.5cm; Wide:45.5cm; High:21.5cm.

vakker® Dental, is an international dental manufacturer and distributor of high-quality dental equipment that is delivered to the end user at competitive pricing, including but not limited to: Dental Handpiece, Endodontics Equipment, and Digital Radiography, etc. We are always working extremely hard to get more great dental products in the hands of our esteemed dentist, always updating our store in timely manner.

To be the first one to know our new products, promotions and sales, please scan the following QR code and register. If you have questions, a skilled member of our team will be able to assist you. Thank you and warmly regards.



8238 Mayten Ave Rancho Cucamonga CA 91730 USA

